

## Refine Search

### Search Results -

Terms	Documents
L1 and (affine adj5 transformation)	6

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L4

Refine Search

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Interrupt

### Search History

DATE: Friday, December 03, 2004   [Printable Copy](#)   [Create Case](#)

#### Set Name Query

side by side

#### Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=OR

<u>L4</u>	L1 and (affine adj5 transformation)	6	<u>L4</u>
<u>L3</u>	L1 and (affine adj5 parameters)	1	<u>L3</u>
<u>L2</u>	L1 and (movement adj5 parameters)	6	<u>L2</u>
<u>L1</u>	talking adj1 head	160	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L3 and (facial adj1 expression)	8

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

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DATE: Friday, December 03, 2004    [Printable Copy](#)    [Create Case](#)

#### Set Name Query

side by side

#### Hit Count Set Name

result set

*DB=USPT; PLUR=YES; OP=OR*

<u>L4</u>	L3 and (facial adj1 expression)	8	<u>L4</u>
<u>L3</u>	L1 and (speech adj1 synthesiz\$)	16	<u>L3</u>
<u>L2</u>	L1 and (voive adj1 synchronization)	0	<u>L2</u>
<u>L1</u>	talking adj1 head	160	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L1 and (speech adj1 synthesiz\$)	16

Database:

US Pre-Grant Publication Full-Text Database  
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 US OCR Full-Text Database  
 EPO Abstracts Database  
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Search:

L3

Refine Search

Recall Text

Clear

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### Search History

DATE: Friday, December 03, 2004 [Printable Copy](#) [Create Case](#)

#### Set Name Query

side by side

#### Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=OR

<u>L3</u>	L1 and (speech adj1 synthesiz\$)	16	<u>L3</u>
<u>L2</u>	L1 and (voive adj1 synchronization)	0	<u>L2</u>
<u>L1</u>	talking adj1 head	160	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 10 of 16 returned.

☐ 1. Document ID: US 6700965 B1

L3: Entry 1 of 16

File: USPT

Mar 2, 2004

US-PAT-NO: 6700965

DOCUMENT-IDENTIFIER: US 6700965 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Identifier-triggered personalized customer relations management service

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 2. Document ID: US 6697120 B1

L3: Entry 2 of 16

File: USPT

Feb 24, 2004

US-PAT-NO: 6697120

DOCUMENT-IDENTIFIER: US 6697120 B1

TITLE: Post-synchronizing an information stream including the replacement of lip objects

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 3. Document ID: US 6662161 B1

L3: Entry 3 of 16

File: USPT

Dec 9, 2003

US-PAT-NO: 6662161

DOCUMENT-IDENTIFIER: US 6662161 B1

TITLE: Coarticulation method for audio-visual text-to-speech synthesis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 4. Document ID: US 6654018 B1

L3: Entry 4 of 16

File: USPT

Nov 25, 2003

US-PAT-NO: 6654018

DOCUMENT-IDENTIFIER: US 6654018 B1

TITLE: Audio-visual selection process for the synthesis of photo-realistic talking-head animations

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 5. Document ID: US 6539354 B1

L3: Entry 5 of 16

File: USPT

Mar 25, 2003

US-PAT-NO: 6539354

DOCUMENT-IDENTIFIER: US 6539354 B1

TITLE: Methods and devices for producing and using synthetic visual speech based on natural coarticulation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 6. Document ID: US 6504546 B1

L3: Entry 6 of 16

File: USPT

Jan 7, 2003

US-PAT-NO: 6504546

DOCUMENT-IDENTIFIER: US 6504546 B1

TITLE: Method of modeling objects to synthesize three-dimensional, photo-realistic animations

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 7. Document ID: US 6449595 B1

L3: Entry 7 of 16

File: USPT

Sep 10, 2002

US-PAT-NO: 6449595

DOCUMENT-IDENTIFIER: US 6449595 B1

TITLE: Face synthesis system and methodology

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 8. Document ID: US 6429870 B1

L3: Entry 8 of 16

File: USPT

Aug 6, 2002

US-PAT-NO: 6429870

DOCUMENT-IDENTIFIER: US 6429870 B1

TITLE: Data reduction and representation method for graphic articulation parameters (GAPS)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMCC	Draw De
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☐ 9. Document ID: US 6314411 B1

L3: Entry 9 of 16

File: USPT

Nov 6, 2001

US-PAT-NO: 6314411

DOCUMENT-IDENTIFIER: US 6314411 B1

TITLE: Artificially intelligent natural language computational interface system for interfacing a human to a data processor having human-like responses

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMCC	Draw De
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☐ 10. Document ID: US 6130679 A

L3: Entry 10 of 16

File: USPT

Oct 10, 2000

US-PAT-NO: 6130679

DOCUMENT-IDENTIFIER: US 6130679 A

TITLE: Data reduction and representation method for graphic articulation parameters gaps

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMCC	Draw De
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Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Terms

Documents

L1 and (speech adj1 synthesiz\$)

16

Display Format: TI

Change Format

[Previous Page](#)[Next Page](#)[Go to Doc#](#)

## Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

**Search Results - Record(s) 11 through 16 of 16 returned.**

☐ 11. Document ID: US 6112177 A

L3: Entry 11 of 16

File: USPT

Aug 29, 2000

US-PAT-NO: 6112177

DOCUMENT-IDENTIFIER: US 6112177 A

TITLE: Coarticulation method for audio-visual text-to-speech synthesis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☒ 12. Document ID: US 5995119 A

L3: Entry 12 of 16

File: USPT

Nov 30, 1999

US-PAT-NO: 5995119

DOCUMENT-IDENTIFIER: US 5995119 A

TITLE: Method for generating photo-realistic animated characters

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 13. Document ID: US 5884267 A

L3: Entry 13 of 16

File: USPT

Mar 16, 1999

US-PAT-NO: 5884267

DOCUMENT-IDENTIFIER: US 5884267 A

TITLE: Automated speech alignment for image synthesis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☒ 14. Document ID: US 5111409 A

L3: Entry 14 of 16

File: USPT

May 5, 1992

US-PAT-NO: 5111409

DOCUMENT-IDENTIFIER: US 5111409 A

TITLE: Authoring and use systems for sound synchronized animation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☒ 15. Document ID: US 4884972 A

L3: Entry 15 of 16

File: USPT

Dec 5, 1989

US-PAT-NO: 4884972

DOCUMENT-IDENTIFIER: US 4884972 A

TITLE: Speech synchronized animation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 16. Document ID: US 4445187 A

L3: Entry 16 of 16

File: USPT

Apr 24, 1984

US-PAT-NO: 4445187

DOCUMENT-IDENTIFIER: US 4445187 A

TITLE: Video games with voice dialog

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Terms

Documents

L1 and (speech adj1 synthesiz\$)

16

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[Previous Page](#)[Next Page](#)[Go to Doc#](#)